

Attorney Docket No. 011720-001700US

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To the Honorable Commissioner of Patents and Trademarks, Please record the attached original documents or copy thereof

## 1. Name of conveying party(ies):

Pai-Hsueh Yang  
Hideyuki Hashimoto  
Bausan Yuan  
Atsushi Yamaguchi  
Susumu MakinouchiAdditional name(s) of conveying party(ies) attached? ☒ Yes ☐ No.

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other:

Execution Date: April 12, 2004; March 29, 2004; April 9, 2004; March 19, 2004; and March 19, 2004

## 2. Name and address of receiving party(ies)

Name: Nikon Corporation

Internal Address:

Street Address: 2-3 Marunouchi, 3-Chome, Chiyoda-Ku

City: Tokyo Country: Japan ZIP: 100-8331

Additional name(s) and address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: April 12, 2004; March 29, 2004; April 9, 2004; March 19, 2004; and March 19, 2004

A. Patent Application No(s):

B. Patent No(s):

Additional numbers attached? ☐ Yes ☐ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Chun-Pok Leung  
TOWNSEND AND TOWNSEND AND CREW LLP  
Two Embarcadero Center, Eighth Floor  
San Francisco, California 94111-3834  
(650) 326-2400

## 6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41): \$40.00☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number: 20-1430

(Attach duplicate copy of this page if paying by deposit account)

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## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Chun-Pok Leung

Name of Person Signing

Atty. Reg. No. 41,405

Signature

April 14, 2004

Date

Total number of pages including cover sheet, attachments and documents: 3

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P.O. Box 1450

**COPY**Attorney Docket No.: 011720-001700US  
Client Reference No.: NRCA PA0 594**ASSIGNMENT OF PATENT APPLICATION****JOINT**

WHEREAS, Pai-Hsueh Yang of 3375 Alma Street, #181, Palo Alto, CA 94306; Hideyuki Hashimoto of 706, 215-Hongoku, Kumagaya, Saitama, Japan; Bausan Yuan of 1577 Elmar Way, San Jose, CA 95129; Atsushi Yamaguchi of 4-10-209 Hibarigaoka, Chigasaki, Kanagawa, 253-0027 Japan; Susumu Makinouchi of 5-1-3-401 Higashihara, Zama, Kanagawa, Japan hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **FEEDFORWARD CONTROL WITH REDUCED  
LEARNING TIME FOR LITHOGRAPHIC SYSTEM TO  
IMPROVE THROUGHPUT AND ACCURACY**

Date(s) of execution of Declaration:

Filing Date:

Application No.: ; and

WHEREAS, Nikon Corporation of 2-3 Marunouchi, 3-Chome, Chiyoda-ku, Tokyo, Japan, 100-8331, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

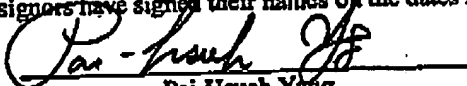
For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 04/12/2004

  
Pai-Hsueh Yang

Assignment  
Attorney Docket No.: 011720-001700US  
Page 2

Dated: 2004-Mar-29

Dated: Apr. 9, 2004

Dated: 2004-Mar-19

Dated: 2004-Mar-19

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